**Jared Bourgeois** [jaredbourgeois.com](http://jaredbourgeois.com)

**iOS Developer** Apple App Store **Aug 2011 – Aug 2016, Nov 2018 - Present**

* Designed and developed the iOS apps *streak* and *driveBlue*
* *[streak](https://letsgostreaking.app/)* motivates users to complete and track the repetitive day-to-day tasks
  + users create “daylies” with custom timeframes and completion conditions
  + completed daylies start a streak that incentivizes users to keep it going
* *driveBlue* gamifies driving economically by giving users a color and value for MPG
  + created a custom algorithm to calculate MPG based on real-time driving conditions
  + utilized EPA vehicle databases and research to calculate unique stats for every vehicle

**Lead Engineer (iOS Platform)** Target **July 2022 – Present**

* Working to maintain a great experience developing and delivering the [Target](https://apps.apple.com/us/app/target/id297430070) app
* Leading Target's iOS observability work, transitioning to the OpenTelemetry standard
* Coordinating across frontend and backend teams to develop and implement a shared spec
* Developing and maintaining Target's iOS Grafana dashboards as code infrastructure

**Senior Software Engineer** Destination Pet **Feb 2022 – July 2023**

* Led architectural direction of green field development of the [Yourgi](https://apps.apple.com/us/app/olli-connected-care-for-pets/id1619858187) app
* Created testable, reusable components allowing us to move quickly and efficiently

**Software Engineer** Cognizant Softvision **Feb 2020 – Feb 2022**

* [Fly Delta](https://apps.apple.com/us/app/fly-delta/id388491656) cross platform developer (iOS, Android)
  + Pod tech lead on Delta’s award-winning app
  + Worked with pod to implement gift card scanning for both platforms
  + Led iOS and Android development on a collaboration with AMEX for checkout
* [Carter’s](https://apps.apple.com/us/app/carters/id1275723118) mobile Point of Sale (Android)
  + Worked with a small team on green field development for Carter’s Point of Sale app
  + Developed and led UX design discussions with Softvision team lead and Carter’s
  + Observed deployed app in the field to get real-world feedback

**Mobile Developer** Continental Finance Company **Sept 2019 – Jan 2020**

* Responsible for modernizing and maintaining CFC’s iOS and Android Apps
* Created a ZFS snapshotting program using .NET Core (C#)
  + Increases redundancy and reduces storage costs by thousands of dollars per month

**Full Stack Developer** DXC Technology **Feb 2019 – Sept 2019**

* Developed MongoDB database and Express (Node.js) server for a React Native POC
* Trained with DXC University (Skillsoft) in HTML, CSS, JavaScript, SQL, NoSQL

**Medical Student** LSUHSC New Orleans **Aug 2016 – Nov 2018**

* Developed C++ program to calculate patient BMIs and Z-scores for the Department of Orthopedics
* Representative, Aesculapian Society
  + elected by classmates to relay student concerns and advise curriculum development
* Vice President, Evolution in Medicine Journal Club
* Logistics Coordinator, Radiology Interest Group

**Non-thesis Master's Research** LSU Chemical Engineering **Aug 2013 – Dec 2015**

* Ran Linux commands and scripts to handle research data and computing resources
* Used NWChem to calculate quantum chemistry properties of Poly-3-Hexylthiophene (P3HT), a photo-sensitive organosulfur polymer

**MCAT Instructor** Kaplan, The Princeton Review **Aug 2009 – Nov 2018**

**Mechanical Engineering Assistant** Solidex LLC **June 2011 – Aug 2013**

**Contact**

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jaredbourgeois.com

**225-571-6619**

github.com/

jaredmbourgeois

**Education**

Louisiana State University

**MS** Chemical Engineering

**BS** Biochemistry

**Programming**

**EXPERT**

Objective-C

Swift

**ADVANCED**

C++

Java

Kotlin

Rust

Shell

**PROFICIENT**

C#

JavaScript

Python

**Misc**

**DATABASES**

CoreData

MongoDB

PostgreSQL  
**DESIGN**

Adobe XD

Figma

**SERVERS & WEB**

Linux  
React  
Vapor

ZFS

**Certifications**

AWS Cloud Practitioner